

REMARKS

Applicant has carefully reviewed and considered the Office Action mailed on July 21, 2003, and the references cited therewith.

Claim 12 is amended and claims 1-11 and 16-20 are canceled; as a result, claims 12-15 are now pending in this application.

Claim Objections

Claims 5 and 12 were objected to due to informalities.

Claim 5 has been cancelled and the objection is therefore mooted.

Regarding claim 12, the Office Actions states two objections.

First, the Office Action states the "location of both signal pins (one with ground pin and another with power pin) inside a system is not clear." (Office Action at page 2). Applicant directs the Office to a recitation of claim 12 in view of FIG. 2 by way of non-limiting example to locate two signal pins with their accompanying ground and power pins. Claim 12 includes a module, e.g. item 10 in FIG. 2 that is attachable to a socket, item 12; a printed circuit board (Motherboard 16) in FIG. 2; a test fixture 18, and the pins that are electrically connected to all pins of the socket 10. In FIG. 2, the socket pins are depicted as non-labeled connection lines that pass through the socket 12. Accordingly, one example of two signal pins with their accompanying ground and power pins includes the Singal2 pin and the Signall pin. The Signal2 pin includes its ground pin, GND4 and its power pin Vccp2. The Signal1 pin includes its ground pin, GND1 and its power pin Vccp1. Applicant considers the teachings in the specification sufficiently clear to render claim 12 understandable. Withdrawal of this objection is respectfully requested.

Second, the Office Action states "pins are monitored but using what and how is not clear." Applicant directs the Office to the specification at page 6, paragraph 16, four lines from the bottom. This states

Test fixture 18 may be any type of high-end tester or low-end tester, for example, HP3070, GENRAD machines, etc. Test fixture 18 may include a power supply 22 that provides power and ground signals to socket 12 through printed circuit board 16, or

power and ground may be supplied external to test fixture 18. Test fixture 18 may be used to control the testing and monitor the results.

Accordingly, it is the specification that teaches monitoring, what is monitored, and examples of how. The claims need only teach the meets and bounds of the property right. The specification can teach how and what. Withdrawal of the objection is respectfully requested.

Information Disclosure Statement

Applicant submitted an Information Disclosure Statement and a 1449 Form on April 3, 2003. Applicant respectfully requests that initialed copies of the 1449 Form be returned to Applicants' Representatives to indicate that the cited references have been considered by the Examiner.

§112 Rejection of the Claims

Claims 1-11 and 17-20 were rejected under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. These claims were cancelled and the rejection is therefore mooted.

§103 Rejection of the Claims

Claims 1-15 and 17-20 were rejected under 35 USC § 103(a) as being unpatentable over Matsui et al. (JP 57-204459). These claims were cancelled and the rejection is therefore mooted.

Allowable Subject Matter

Claim 16 was objected to as being dependent upon a rejected base claim, but was indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 16 has been cancelled and the limitations thereof have been incorporated into its base claim, claim 12.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney, John Greaves at (801) 278-9171, or the below signed attorney to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743

Respectfully submitted,

ROBERT C. HASH

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402
(612) 349-9592

Date Oct. 21, 2003

By Ann M. McCrackin

Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21st day of October, 2003.

Anne M. Richards

Name

Signature

